

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KUMAR et al.

Serial No.: 10/776,338

Filed: February 12, 2004

Title: SEMICONDUCTOR DEVICE  
PROVIDED BY SILICON CARBIDE  
SUBSTRATE AND METHOD FOR  
MANUFACTURING THE SAME



Atty. Dkt.: 01-549

Group Art Unit:

Examiner: Unknown

Date: September 16, 2004

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

U.S. Patent and Trademark Office  
220 20<sup>th</sup> Street, S.  
Customer Window, Mail Stop Missing Parts  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

This is in response to a Notice to File Missing Parts of Nonprovisional Application mailed on August 17, 2004 in connection with the above application. Enclosed is a copy of said Notice, as well as the following documents and fees required to complete the filing requirements of the above application.

- Executed Declaration and Power of Attorney. The above-identified application is the same application the inventors executed by signing the enclosed declaration
- Executed Assignment and Recordation Cover Sheet
- A check in the amount of \$940 to cover the following fees:
  - Statutory filing fee of \$770;
  - Assignment Recordation Fee of \$40; and
  - Missing parts surcharge of \$130.

It is respectfully requested that any additional fees be charged to Deposit Account 50-1147.

Respectfully submitted,



David G. Posz  
Reg. No. 37,701

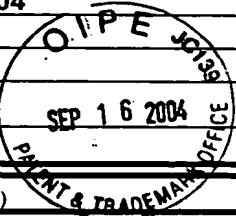
Posz & Bethards, PLC  
11250 Roger Bacon Drive  
Suite 10  
Reston, VA 20190  
(703) 707-9110  
Customer No. 23400

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

|  |
|--|
| <input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27 |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$ 940)  |

|                          |                   |
|--------------------------|-------------------|
| <i>Complete if Known</i> |                   |
| Application Number       | 10/776,338        |
| Filing Date              | February 12, 2004 |
| First Named Inventor     | KUMAR et al.      |
| Examiner Name            |                   |
| Art Unit                 |                   |
| Attorney Docket No.      | 01-549            |

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  Other  None

 Deposit AccountDeposit Account Number  
Deposit Account Name**50-1147****POSZ & BETHARDS, PLC**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | Small Entity  | Fee Description             | Fee Paid   |
|--------------|---------------|-----------------------------|------------|
| Fee Code     | Fee Code (\$) | Fee Description             |            |
| 1001         | 770           | 2001 Utility filing fee     | <b>770</b> |
| 1002         | 340           | 2002 Design filing fee      |            |
| 1003         | 530           | 2003 Plant filing fee       |            |
| 1004         | 770           | 2004 Reissue filing fee     |            |
| 1005         | 160           | 2005 Provisional filing fee |            |

**SUBTOTAL (1) (\$ 770)****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    |    | Fee from below  | Fee Paid |
|--------------------|----|-----------------|----------|
| Total Claims       | 19 | -20**= 0 x 18 = | 0        |
| Independent Claims | 3  | -3**= 0 x 86 =  | 0        |
| Multiple Dependent |    |                 |          |

| Large Entity | Small Entity  | Fee Description  |
|--------------|---------------|--|
| Fee Code     | Fee Code (\$) | Fee Description  |
| 1202         | 18            | 2202 9 Claims in excess of 20                                    |
| 1201         | 86            | 2201 43 Independent claims in excess of 3                        |
| 1203         | 290           | 2203 145 Multiple dependent claim, if not paid                   |
| 1204         | 86            | 2204 43 **Reissue independent claims over original patent        |
| 1205         | 18            | 2205 9 **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) (\$ 0)**

\*\* or number previously paid, if greater; For Reissues, see above

| Large Entity | Small Entity  | Fee Description  | Fee Paid   |
|--------------|---------------|--|------------|
| Fee Code     | Fee Code (\$) | Fee Description  |            |
| 1051         | 130           | 2051 65 Surcharge – late filing fee or oath  | <b>130</b> |
| 1052         | 50            | 2052 25 Surcharge – late provisional filing fee or cover sheet                     |            |
| 1053         | 130           | 1053 130 Non-English specification   |            |
| 1812         | 2,520         | 1812 2,520 For filing a request for <i>ex parte</i> reexamination                  |            |
| 1804         | 920*          | 1804 920* Requesting publication of SIR prior to Examiner action                   |            |
| 1805         | 1,840*        | 1805 1,840* Requesting publication of SIR after Examiner action                    |            |
| 1251         | 110           | 2251 55 Extension for reply within first month                                     |            |
| 1252         | 420           | 2252 210 Extension for reply within second month                                   |            |
| 1253         | 950           | 2253 475 Extension for reply within third month                                    |            |
| 1254         | 1,480         | 2254 740 Extension for reply within fourth month                                   |            |
| 1255         | 2,010         | 2255 1005 Extension for reply within fifth month                                   |            |
| 1401         | 330           | 2401 165 Notice of Appeal  |            |
| 1402         | 330           | 2402 165 Filing a brief in support of an appeal                                    |            |
| 1403         | 290           | 2403 145 Request for oral hearing  |            |
| 1451         | 1,510         | 1451 1,510 Petition to institute a public use proceeding                           |            |
| 1452         | 110           | 2452 55 Petition to revive – unavoidable   |            |
| 1453         | 1,330         | 2453 665 Petition to revive – unintentional  |            |
| 1501         | 1,330         | 2501 665 Utility issue fee (or reissue)  |            |
| 1502         | 480           | 2502 240 Design issue fee  |            |
| 1503         | 640           | 2503 320 Plant issue fee   |            |
| 1460         | 130           | 1460 130 Petitions to the Commissioner   |            |
| 1807         | 50            | 1807 50 Processing fee under 37 CFR 1.17(q)  |            |
| 1806         | 180           | 1806 180 Submission of Information Disclosure Stmt                                 |            |
| 8021         | 40            | 8021 40 Recording each patent assignment per property (times number of properties) | <b>40</b>  |
| 1809         | 770           | 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))             |            |
| 1810         | 770           | 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))          |            |
| 1801         | 770           | 2801 385 Request for Continued Examination (RCE)                                   |            |
| 1802         | 900           | 1802 900 Request for expedited examination of a design application                 |            |

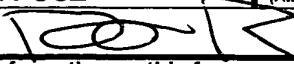
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 170)

*Complete if applicable*

|                   |   |                                   |        |           |                |                    |
|-------------------|---|-----------------------------------|--------|-----------|----------------|--------------------|
| Name (Print/Type) | DAVID G. POSZ   | Registration No. (Attorney/Agent) | 37,701 | Telephone | (703) 707-9110 |                    |
| Signature         |  |                                   |        |           | Date           | September 16, 2004 |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)



|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/776,338        |
| Filing Date            | February 12, 2004 |
| First Named Inventor   | KUMAR et al.      |
| Group Art Unit         |                   |
| Examiner Name          |                   |
| Attorney Docket Number | 01-549            |

## ENCLOSURES (check all that apply)

|   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                              | <input checked="" type="checkbox"/> Assignment Papers<br>(for an Application)           | <input type="checkbox"/> After Allowance Communication to Group                               |
| <input checked="" type="checkbox"/> Fee Attached                                      | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences           |
| <input type="checkbox"/> Amendment / Response   | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition Routing Slip<br>(PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                    | <input type="checkbox"/> To Convert a Provisional Application                           | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                    | <input type="checkbox"/> Power of Attorney, Revocation                                  | <input checked="" type="checkbox"/> Additional Enclosure(s)<br>(please identify below):       |
| <input type="checkbox"/> Express Abandonment Request                                  | <input type="checkbox"/> Change of Correspondence Address                               | <input type="checkbox"/> Declaration and Power of Attorney                                    |
| <input type="checkbox"/> Information Disclosure Statement                             | <input type="checkbox"/> Terminal Disclaimer  | <input type="checkbox"/>  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                       | <input type="checkbox"/> Small Entity Statement   | <input type="checkbox"/>  |
| <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application | <input type="checkbox"/> Request of Refund  | <input type="checkbox"/>  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53          | Remarks   |   |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |                      |
|-------------------------|----------------------|
| Firm or Individual name | Posz & Bethards, PLC |
| Signature               |                      |
| Date                    | September 16, 2004   |

JFW



UNITED STATES PATENT AND TRADEMARK OFFICE

OIR - JC/139  
SEP 16 2004  
PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/776,338         | 02/12/2004             | Kumar                 | 01-549                 |

## CONFIRMATION NO. 1775

23400  
POSZ & BETHARDS, PLC  
11250 ROGER BACON DRIVE  
SUITE 10  
RESTON, VA 20190

## FORMALITIES LETTER



\*OC000000013557401\*

Date Mailed: 08/17/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/17/2004 SDIRETA1 00000013 10776338

01 FC:1001  
02 FC:1051770.00 0P  
130.00 0P

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration Surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

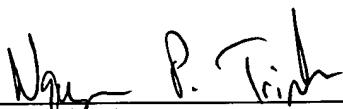
Total additional fee(s) required for this application is **\$900** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE